97. The use of rHuPSP94 as set forth in SEQ ID NO: 2 according to claim 5 wherein rHuPSP94 is used in a dosage range from about 500 picograms/kg/day to about 1 milligram/kg/day.

98. The use of rHuPSP94 as set forth in SEQ ID NO: 2 according to claim 5 wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 10 micrograms/kg/day.

99. The use of rHuPSP94 as set forth in SEQ ID NO: 2 according to claim 5 wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 500 nanograms/kg/day.

100. The use of a polypeptide according to claim 5 wherein said polypeptide is selected from the group consisting of the decapeptide as set forth in SEQ ID NO: 3, the polypeptide as set forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO: 6, and mixtures thereof wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

101. The use of a polypeptide according to claim 5 wherein said polypeptide is used with an anticancer drug.

102. The use of a polypeptide according to claim 101 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

103. The use of a polypeptide according to claim 5 wherein said polypeptide is used with a pharmaceutically acceptable carrier.

112. The use of a polypeptide analog according to claim 109 wherein said polypeptide analog is used with a pharmaceutically acceptable carrier.

113. The use of a polypeptide analog according to claim 20, wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

114. The use of a polypeptide analog according to claim 109 wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

115. The use of a polypeptide analog according to claim 111 wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

116. The use of a polypeptide analog according to claim 112 wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

117. The method according to claim 30 wherein rHuPSP94 (SEQ ID NO: 2) is administered in a dosage range from about 10 micrograms/kg/day to about 4 milligrams/kg/day.

118. The method according to claim 30 wherein rHuPSP94 (SEQ ID NO: 2) is administered in a dosage range from about 25 picograms/kg/day to about 1 milligram/kg/day.

119. The method according to claim 30 wherein human rHuPSP94 (SEQ ID NO: 2) is administered in a dosage range from about 5 nanograms/kg/day to about 10 micrograms/kg/day.

104. The use of a polypeptide according to claim 101 wherein said polypeptide is used with a pharmaceutically acceptable carrier.

105. The use of a polypeptide according to claim 5 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

106. The use of a polypeptide according to claim 101 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

107. The use of a polypeptide according to claim 103 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

108. The use of a polypeptide according to claim 104 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

109. The use of a polypeptide analog according to claim 20 wherein said polypeptide analog is used with an anticancer drug.

110. The use of a polypeptide analog according to claim 109, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

111. The use of a polypeptide analog according to claim 20 wherein said polypeptide analog is used with a pharmaceutically acceptable carrier.

120. The method according to claim 30 wherein said polypeptide is selected from the group consisting of the decapeptide as set forth in SEQ ID NO: 3, the polypeptide as set forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO: 6, and mixtures thereof, wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

121. The method according to claim 30 wherein said polypeptide is used with an anticancer drug.

122. The method of claim 121 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

123. The method according to claim 30 wherein said polypeptide is used with a pharmaceutically acceptable carrier.

124. The method according to claim 121 wherein said polypeptide is used with a pharmaceutically acceptable carrier.

125. The method according to claim 30 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

126. The method according to claim 121 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

127. The method according to claim 123 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

128. The method according to claim 124 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

129. The method according to claim 44 wherein said vector is used with an anticancer drug.

130. The method according to claim 129, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

131. The method according to claim 44 wherein said vector is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said vector.

132. The method according to claim 129 wherein said vector is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said vector.

133. The method according to claim 50 wherein said polynucleotide is used with an anticancer drug.

134. The method according to claim 133, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

135. The method according to claim 50 wherein said polynucleotide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polynucleotide.

136. The method according to claim 133 wherein said polynucleotide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polynucleotide.

137. The method according to claim 56 wherein said polypeptide analog is used with an anticancer drug.

138. The method according to claim 137, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

139. The method according to claim 56, wherein said polypeptide analog is used with a pharmaceutically acceptable carrier.

140. The method according to claim 137, wherein said polypeptide analog is used with a pharmaceutically acceptable carrier.

141. The method according to claim 56, wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

142. The method according to claim 137 wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

143. The method according to claim 139 wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

144. The method according to claim 140 wherein said polypeptide analog is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide analog.

145. A pharmaceutical composition according to claim 66, wherein rHuPSP94 (SEQ ID NO: 2) is used in a dosage range from about 10 micrograms/kg/day to about 4 milligrams/kg/day.

146. A pharmaceutical composition according to claim 67, wherein rHuPSP94 (SEQ ID NO: 2) is used in a dosage range from about 10 micrograms/kg/day to about 4 milligrams/kg/day.

147. A pharmaceutical composition according to claim 68, wherein rHuPSP94 (SEQ ID NO: 2) is used in a dosage range from about 10 micrograms/kg/day to about 4 milligrams/kg/day.

148. A pharmaceutical composition as in claim 66, wherein rHuPSP94 (SEQ ID NO: 2) is used in a dosage range from about 500 picograms/kg/day to about 1 milligram/kg/day.

149. A pharmaceutical composition as in claim 67, wherein rHuPSP94 (SEQ ID NO: 2) is used in a dosage range from about 500 picograms/kg/day to about 1 milligram/kg/day.

150. A pharmaceutical composition as in claim 68, wherein rHuPSP94 (SEQ ID NO: 2) is used in a dosage range from about 500 picograms/kg/day to about 1 milligram/kg/day.

151. A pharmaceutical composition as in claim 66, wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 10 micrograms/kg/day.

152. A pharmaceutical composition as in claim 67, wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 10 micrograms/kg/day.

153. A pharmaceutical composition as in claim 68, wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 10 micrograms/kg/day.

154. A pharmaceutical composition as in claim 66, wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 500 nanograms/kg/day.

155. A pharmaceutical composition as in claim 67, wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 500 nanograms/kg/day.

156. A pharmaceutical composition as in claim 68, wherein rHuPSP94 is used in a dosage range from about 5 nanograms/kg/day to about 500 nanograms/kg/day.

157. A pharmaceutical composition as in claim 66, wherein said polypeptide is selected from the group consisting of the decapeptide as set forth in SEQ ID NO: 3, the polypeptide as set forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO:6 and mixture(s) thereof, wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

158. A pharmaceutical composition as in claim 67, wherein said polypeptide is selected from the group consisting of the decapeptide as set forth in SEQ ID NO: 3, the polypeptide as set forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO:6 and mixture(s) thereof, wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

159. A pharmaceutical composition as in claim 68, wherein said polypeptide is selected from the group consisting of the decapeptide as set forth in SEQ ID NO: 3, the polypeptide as set forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO:6 and mixture(s) thereof, wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

160. A pharmaceutical composition according to claim 68 further comprising an anticancer drug.

161. A pharmaceutical composition according to claim 67, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

162. A pharmaceutical composition according to claim 74, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

163. A pharmaceutical composition according to claim 160 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

164. A pharmaceutical composition as in claim 66, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

165. A pharmaceutical composition as in claim 67, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

166. A pharmaceutical composition as in claim 68, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

167. A pharmaceutical composition as in claim 74, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

168. A pharmaceutical composition as in claim 160, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

169. A pharmaceutical composition according to claim 78 further comprising an anticancer drug.

170. A pharmaceutical composition according to claim 169 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

171. A pharmaceutical composition according to claim 79 further comprising an anticancer drug.

172. A pharmaceutical composition according to claim 171 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

173. A pharmaceutical composition according to claim 80 further comprising an anticancer drug.

174. A pharmaceutical composition according to claim 173 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

175. A pharmaceutical composition according to claim 86, further comprising an anticancer drug.

176. A pharmaceutical composition according to claim 175 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

177. A pharmaceutical composition according to claim 85 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

178. A pharmaceutical composition according to claim 87 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

179. A pharmaceutical composition according to claim 84 further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

180. A pharmaceutical composition according to claim 85 further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

181. A pharmaceutical composition according to claim 86, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

182. A pharmaceutical composition according to claim 87, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

183. A pharmaceutical composition according to claim 175 further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

Respectfully submitted,

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33. The method according to claim 29 wherein human rHuPSP94 (SEQ ID NO: 2) is administered in a dosage range from about 5 nanograms/kg/day to about 10 micrograms/kg/day.

34. The method according to claim 29 wherein said polypeptide is selected from the group consisting of the decapeptide as set forth in SEQ ID NO: 3, the polypeptide as set forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO: 6, and mixtures thereof, wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

35. The method according to claim 29 wherein said polypeptide is used with an anticancer drug.

36. The method of claim 35 wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

37. The method according to claim 29 wherein said polypeptide is used with a pharmaceutically acceptable carrier.

38. The method according to claim 35 wherein said polypeptide is used with a pharmaceutically acceptable carrier.

39. The method according to claim 29 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

40. The method according to claim 35 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

41. The method according to claim 37 wherein said polypeptide is used with a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of said polypeptide.

42. The method according to claim 38 wherein said polypeptide is used with a time-release means selected from the group

forth in SEQ ID NO: 4, the polypeptide as set forth in SEQ ID NO: 5, the polypeptide as set forth in SEQ ID NO:6 and mixture(s) thereof, wherein said polypeptide is used in a dosage range from about 100 nanograms/kg/day to about 4 milligrams/kg/day.

74. A pharmaceutical composition according to claim 66 further comprising an anticancer drug.

75. A pharmaceutical composition according to claim 65, wherein said anticancer drug is selected from the group consisting of mitomycin, idarubicin, cisplatin, 5-fluoro-uracil, methotrexate, adriamycin, daunomycin, taxol, taxol derivative, and mixtures thereof.

76. A pharmaceutical composition as in claim 66, further comprising a time-release means selected from the group consisting of liposomes and polysaccharides for effecting continual dosing of the composition.

77. A pharmaceutical composition for inhibiting the growth of a tumor in a patient suffering from prostatic adenocarcinoma, stomach cancer, breast cancer, endometrial, ovarian or other cancers of epithelial secretion, or benign prostate hyperlasia (BPH), comprising a vector comprising the nucleotide sequence of SEQ ID NO: 9 and a pharmaceutically acceptable carrier.

78. A pharmaceutical composition for inhibiting the growth of a tumor in a patient, comprising a vector comprising the nucleotide sequence of SEQ ID NO: 9 and a pharmaceutically acceptable carrier.

79. A pharmaceutical composition for inhibiting the growth of a tumor in a patient suffering from prostatic adenocarcinoma, stomach cancer, breast cancer, endometrial, ovarian or other cancers of epithelial secretion, or benign prostate hyperlasia (BPH), comprising a polynucleotide having at least 10 to 285 contiguous residues of SEQ ID No: 9 and a polynucleotide having at least 10 to 50 contiguous residues of SEQ ID NO: 9, and a pharmaceutically acceptable carrier.

80. A pharmaceutical composition for inhibing the growth of a tumor in a patient, comprising a polynucleotide selected from